

Form PTO-1449 (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DOCKET NO: 5659-06500

APPLICANT: de Rouffignac et al.

FILING DATE: April 24, 2001

SERIAL NO: 09/841,493

CONFIRMATION NO. 4047

ART UNIT: 3673

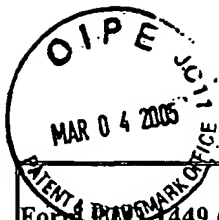
### U.S. PATENT DOCUMENTS

| EXAM.<br>INITIALS | REF.<br>DES | DOCUMENT<br>NUMBER | DATE       | NAME             | CLASS | SUB<br>CLASS | FILING<br>DATE IF<br>APP. |
|-------------------|-------------|--------------------|------------|------------------|-------|--------------|---------------------------|
| <i>a</i>          | U109        | 3017168            | 1/16/1962  | Carr             |       |              |                           |
|                   | U110        | 3434541            | 3/25/1969  | Cook et al.      |       |              |                           |
|                   | U111        | 4598772            | 7/8/1986   | Holmes           |       |              |                           |
|                   | U112        | 5456315            | 10/10/1995 | Kisman et al.    |       |              |                           |
|                   | U113        | 3288648            | 11/29/1966 | Jones            |       |              |                           |
|                   | U114        | 4415034            | 11/15/1983 | Bouck            |       |              |                           |
|                   | U115        | 6820688            | 11/23/2004 | Vinegar et al.   |       |              |                           |
|                   | U116        | 6805195            | 10/19/2004 | Vinegar et al.   |       |              |                           |
|                   | U117        | 3386508            | 6/4/1968   | Bielstein et al. |       |              |                           |
|                   | U118        | 4303126            | 12/1/1981  | Blevins          |       |              |                           |
|                   | U119        | 4766958            | 8/30/1988  | Faecke           |       |              |                           |
|                   | U120        | 4828031            | 5/9/1989   | Davis            |       |              |                           |
|                   | U121        | 5085276            | 2/4/1992   | Rivas et al.     |       |              |                           |
|                   | U122        | 5305829            | 4/26/1994  | Kumar            |       |              |                           |
|                   | U123        | 5377756            | 1/3/1995   | Northrop et al.  |       |              |                           |
|                   | U124        | 5411086            | 5/2/1995   | Burcham et al.   |       |              |                           |
|                   | U125        | 4319635            | 3/16/1982  | Jones            |       |              |                           |
|                   | U126        | 5027896            | 7/2/1991   | Anderson         |       |              |                           |
|                   | U127        | 5325918            | 7/5/1994   | Berryman et al.  |       |              |                           |
|                   | U128        | 4418752            | 12/6/1983  | Boyer et al.     |       |              |                           |
|                   | U130        | 5891829            | 4/6/1999   | Vallejos et al.  |       |              |                           |
| <i>e</i>          | U131        | 4151877            | 5/1/1979   | French           |       |              |                           |

EXAMINER:

DATE CONSIDERED: 5/16/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



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|-------------------|-------------|--------------------|------------|---------------------|-------|--------------|---------------------------|
| 2                 | U132        | 4243511            | 1/6/1981   | Allred              |       |              |                           |
|                   | U133        | 4439307            | 3/27/1984  | Jaquay et al.       |       |              |                           |
|                   | U134        | 4544478            | 10/1/1985  | Kelley              |       |              |                           |
|                   | U135        | 5041210            | 8/20/1991  | Merrill, Jr. et al. |       |              |                           |
|                   | U136        | 4285547            | 8/25/1981  | Weichman            |       |              |                           |
|                   | U137        | 4234230            | 11/18/1980 | Weichman            |       |              |                           |
|                   | U138        | 3700280            | 10/24/1972 | Papadopoulos et al. |       |              |                           |
|                   | U139        | 3759328            | 9/18/1973  | Ueber et al.        |       |              |                           |
|                   | U140        | 3804169            | 4/16/1974  | Closmann            |       |              |                           |
|                   | U141        | 3804172            | 4/16/1974  | Closmann et al.     |       |              |                           |
|                   | U142        | 4065183            | 12/27/1977 | Hill et al.         |       |              |                           |
|                   | U143        | 3779602            | 12/18/1973 | Beard et al.        |       |              |                           |
|                   | U144        | 4260192            | 4/7/1981   | Shafer              |       |              |                           |
|                   | U145        | 4883582            | 11/28/1989 | McCants             |       |              |                           |
| K                 | U146        | 20030029617        | 2/13/2003  | Brown et al.        |       |              |                           |

### OTHER ART

| Exam<br>Initials | REF.<br>DES | Article (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|------------------|-------------|--|
| K                | SR01        | PCT "International Search Report" for International Application No. PCT/US 02/34264 mailed on December 2, 2004; 7 pages. |
|                  |             |  |
|                  |             |  |
|                  |             |  |

EXAMINER:

DATE CONSIDERED: 5/10/05

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Page 1 of 1

Information Disclosure Statement-PTO 1449 (modified)



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION  
USING A MOVABLE HEATING ELEMENT

Application Number: 09/841493

\*09/841493\*

Confirmation Number: 4047

First Named Applicant: Eric de Rouffignac

Attorney Docket Number: 5659-06500

Art Unit: 3673

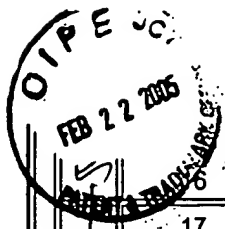
Examiner: John J. Kreck

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or 4734115 or 3170842 or 3618663 or 4018280 or 4698149 or 3948755  
or 4605489 or 4623444 or 4885080 or 5059303 or 6110358 or 6789625  
or 6782947 or 20020004533 or 20020112987 ),pn.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init                                | Cite.No. | Patent No. | Date       | Patentee          | Kind | Class | Subclass |
|-------------------------------------|----------|------------|------------|-------------------|------|-------|----------|
| <input checked="" type="checkbox"/> | 1        | 5539853    | 1996-07-23 | Jamaluddin et al. |      |       |          |
| <input type="checkbox"/>            | 2        | 3691291    | 1972-09-12 | Taj               |      |       |          |
| <input type="checkbox"/>            | 3        | 3032102    | 1962-05-01 | Parker            |      |       |          |
| <input type="checkbox"/>            | 4        | 3079085    | 2004-09-28 | Clark, Jr. et al. |      |       |          |
| <input type="checkbox"/>            | 5        | 3454365    | 1969-07-08 | Lumpkin et al.    |      |       |          |
| <input type="checkbox"/>            | 6        | 4260018    | 1981-04-07 | Shum et al.       |      |       |          |
| <input type="checkbox"/>            | 7        | 4683947    | 1987-08-04 | Fernbacher et al. |      |       |          |
| <input type="checkbox"/>            | 8        | 5055180    | 1991-10-08 | Klaila            |      |       |          |
| <input type="checkbox"/>            | 9        | 5626191    | 1997-05-06 | Greaves et al.    |      |       |          |
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| <input type="checkbox"/>            | 11       | 6467543    | 2002-10-22 | Talwani et al.    |      |       |          |
| <input type="checkbox"/>            | 12       | 6499536    | 2002-12-31 | Ellingsen         |      |       |          |
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| <input type="checkbox"/>            | 14       | 3170842    | 1965-02-23 | Kehler            |      |       |          |
| <input checked="" type="checkbox"/> | 15       | 3618663    | 1971-11-09 | Needham           |      |       |          |




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|--|----|---------|------------|---------------------|
|  |    | 4018280 | 1977-04-19 | Daviduk et al.      |
|  | 17 | 4698149 | 1987-10-06 | Mitchell            |
|  | 18 | 3948755 | 1976-04-06 | McCollum et al.     |
|  | 19 | 4605489 | 1986-08-12 | Madgavkar           |
|  | 20 | 4623444 | 1986-11-18 | Che et al.          |
|  | 21 | 4885080 | 1989-12-05 | Brown et al.        |
|  | 22 | 5059303 | 1991-10-22 | Taylor et al.       |
|  | 23 | 6110358 | 2000-08-29 | Aldous et al.       |
|  | 24 | 6789625 | 2004-09-14 | de Rouffinac et al. |
|  | 25 | 6782947 | 2004-08-31 | de Rouffinac et al. |

### US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No.    | Date       | Applicant      | Kind | Class | Subclass |
|------|----------|-------------|------------|----------------|------|-------|----------|
| 1    | 1        | 20020004533 | 2002-01-10 | Wallace et al. |      |       |          |
| 2    | 2        | 20020112987 | 2002-08-22 | Hou et al.     |      |       |          |

Signature

|   |         |
|---|---------|
| Examiner Name   | Date    |
|  | 5/16/05 |

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

## Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION  
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Application Number : 09/841493 

Confirmation Number: 4047

First Named Applicant: Eric de Rouffignac

Attorney Docket Number: 5659-06500

Art Unit: 3673

Examiner: John J. Kreck









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Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

## US Patent Documents

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| init  | Cite.No. | Patent No. | Date       | Patentee       | Kind | Class | Subclass |
|---|----------|------------|------------|----------------|------|-------|----------|
|  | 1        | 3017168    | 1962-01-16 | Carr           |      |       |          |
|  | 2        | 3434541    | 1969-03-25 | Cook et al.    |      |       |          |
|  | 3        | 4598772    | 1986-07-08 | Holmes         |      |       |          |
|  | 4        | 5456315    | 1995-10-10 | Kisman et al.  |      |       |          |
|  | 5        | 3288648    | 1966-11-29 | Jones          |      |       |          |
|  | 6        | 4415034    | 1983-11-15 | Bouck          |      |       |          |
|  | 7        | 6820688    | 2004-11-23 | Vinegar et al. |      |       |          |
|  | 8        | 6805195    | 2004-10-19 | Vinegar et al. |      |       |          |

## Remarks

Note: Remarks are not for responding to an office action.

This information disclosure statement is being submitted before mailing date of on any final action under 37 CFR 1.311, or an action that other wise closes prosecution in the application.

According to 37 CFR 1.97 no fee is due.

**Signature**

|   |         |
|---|---------|
| Examiner Name   | Date    |
|  | 5/16/05 |

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|      | 7        | 4683947    | 1987-08-04 | Fernbacher et al. |      |       |          |
|      | 8        | 5055180    | 1991-10-08 | Klaila            |      |       |          |
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|      | 17       | 4698149    | 1987-10-06 | Mitchell          |      |       |          |
|      | 18       | 3948755    | 1976-04-06 | McCollum et al.   |      |       |          |
|      | 19       | 4605489    | 1986-08-12 | Madgavkar         |      |       |          |
| ✓    | 20       | 4623444    | 1986-11-18 | Che et al.        |      |       |          |



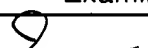
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| 6 | 21 | 4885080 | 1989-12-05 | Brown et al.        |  |  |  |
|   | 22 | 5059303 | 1991-10-22 | Taylor et al.       |  |  |  |
| 1 | 23 | 6110358 | 2000-08-29 | Aldous et al.       |  |  |  |
| 1 | 24 | 6789625 | 2004-09-14 | de Rouffinac et al. |  |  |  |
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| Examiner Name   | Date    |
|---|---------|
|  | 5/16/07 |